

FORM PTO-1449



## INFORMATION DISCLOSURE

## STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	39943/PAN/C715
Application Number	09/871,492
Filing Date	May 31, 2001
Applicant(s)	Kent D. Choquette, et al.
Group Art Unit	2881
Examiner Name	To be Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Mew</i>	5,719,894	02/1998	Jewell et al.	372	45	
	5,719,895	02/1998	Jewell et al.	372	45	
	5,805,624	09/1998	Yang et al.	372	45	
	5,825,796	10/1998	Jewell et al.	372	45	
	5,903,589	05/1999	Jewell	372	46	
	5,912,913	06/1999	Kondow et al.	372	45	
	5,936,266	08/1999	Holonyak, Jr. et al.	257	106	
	5,960,018	09/1999	Jewell et al.	372	45	
↓	6,014,395	01/2000	Jewell	372	45	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>Mew</i>	HEI 5 [1993]-297128	06/1995	Japan	3	18	X	

## OTHER DOCUMENTS

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
<i>Mew</i>	J. BOUCART et al., 1-mW CW-RT Monolithic VCSEL at 1.55 $\mu$ m, IEEE PHOTONICS TECHNOLOGY LETTERS, June 1999, pp. 629-631, Vol. II, No. 6
	SHIRO SAKAI et al., Band Gap Energy and Band Lineup of III-V Alloy Semiconductors Incorporating Nitrogen and Boron, Jpn. J. Appl. Phys., October 1993, pp. 4413-4416, Vol. 32 Part 1, No. 10
↓	M. C. LARSON et al., GaInNAs-GaAs Long-Wavelength Vertical-Cavity Surface-Emitting Laser Diodes, IEEE PHOTONICS TECHNOLOGY LETTERS, February 1998, pp. 188-190, Vol. 10, No. 2

EXAMINER SIGNATURE	<i>Matthew Wane</i>	DATE CONSIDERED	12/11/02
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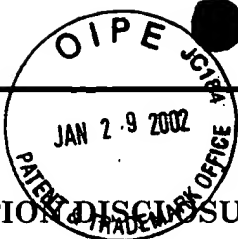
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<i>MEW</i>	MASAHIKO KONDOW et al., Gas-Source Molecular Beam Epitaxy of $\text{GaN}_x\text{As}_{1-x}$ Using a N Radical as the N Source, Jpn. J. Appl. Phys., August 1994, pp. 1056-1058, Vol. 33, Part 2, No. 8A
<i>MEW</i>	MASAHIKO KONDOW et al., Room-Temperature Pulsed Operation of GaInN As Laser Diodes with Excellent High-Temperature Performance, Jpn. J. Appl. Phys., November 1996, pp. 5711-5713, Vol. 35, Part 1, No. 11

EXAMINER SIGNATURE	<i>Matthew E. Wornen</i>	DATE CONSIDERED	<i>12/11/02</i>
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**Group Art Unit**

2881

**Examiner Name**

To be Assigned

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - kind code <sup>2</sup> . (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> . Kind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)
Mew		EP 0 822 630 A1	02-04-1998	Hewlett-Packard Company	
		WO 98/07218	02-19-1998	W.L. Gore & Associates, Inc.	

**OTHER DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		LEAR K L ET AL. "High-frequency modulation of oxide-confined vertical cavity surface emitting lasers" ELECTRONICS LETTER, IEE STEVENAGE, GB, vol. 32, no. 5, 29 February 1996, pages 457-458
		OHNOKI N ET AL. "Super-lattice AlAs/AlInAs for lateral-oxide current confinement in InP-based lasers" JOURNAL OF CRYSTAL GROWTH, NORTH-HOLLAND PUBLISHING CO. AMSTERDAM, NL, vol. 195, no. 1-4, 15 December 1998, pages 603-608

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